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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/001,863
		Filing Date	November 19, 2001
		First Named Inventor	James G. Karras et al.
		Art Unit	1635
		Examiner Name	Janet L. Epps
Total Number of Papers in This Submission	One	Attorney Docket Number	ISIS0063-100

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response To Restriction Requirement <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):		
<table border="1"><tr><td>Remarks</td><td>Express Mail Label No. EV146 601 450US Date of Deposit: July 7, 2003</td></tr></table>			Remarks	Express Mail Label No. EV146 601 450US Date of Deposit: July 7, 2003
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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Quan Le Nguyen, Reg. No. 46,957 Cozen O'Connor, P.C.
Signature	
Date	July 7, 2003

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Docket No. **ISIS0003-100 (ISPH-0618)**

**PATENT**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: **Karras et al.**

Confirmation No. **1531**

Serial No.: **10/001,863**

Group Art Unit: **1635**

Filed: **11/19/2001**

Examiner: **Epps, Janet L.**

Title: **Antisense Modulation of Toll-Like Receptor 4 Expression**

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**DATE OF DEPOSIT: July 7, 2003**

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Dear Sir:

**AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT**

This paper is filed in response to the Office Action dated June 6, 2003.

**IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**STATUS OF CLAIMS**

Please add new claims 21-27:

Claim 1 (**original**) A compound 8 to 50 nucleobases in length targeted to a nucleic acid molecule encoding Toll-like receptor 4, wherein said compound specifically hybridizes with said nucleic acid molecule encoding Toll-like receptor 4 and inhibits the expression of Toll-like receptor 4.

Claim 2 (**original**) The compound of claim 1 which is an antisense oligonucleotide